

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101620\
 Data File : VU040739.D
 Acq On : 16 Oct 2020 11:11
 Operator : SY/MD
 Sample : VU1016WBL01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK30

Quant Time: Oct 16 23:40:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 16 23:38:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	109468	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	117602	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	48907	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	37526	4.14	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.80%
7) Chloroethane-d5	1.92	69	35746	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.20%
11) 1,1-Dichloroethene-d2	2.58	63	60831	3.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.60%
20) 2-Butanone-d5	4.66	46	161709	55.71	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.42%
24) Chloroform-d	5.08	84	82856	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.20%
26) 1,2-Dichloroethane-d4	5.72	65	52526	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.40%
32) Benzene-d6	5.74	84	146289	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
36) 1,2-Dichloropropane-d6	6.70	67	51595	4.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.00%
41) Toluene-d8	7.91	98	112168	3.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.00%
43) trans-1,3-Dichloropropene-	8.19	79	19726	4.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.40%
46) 2-Hexanone-d5	8.64	63	106948	46.52	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.04%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	47271	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	46200	5.09	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.80%

Target Compounds

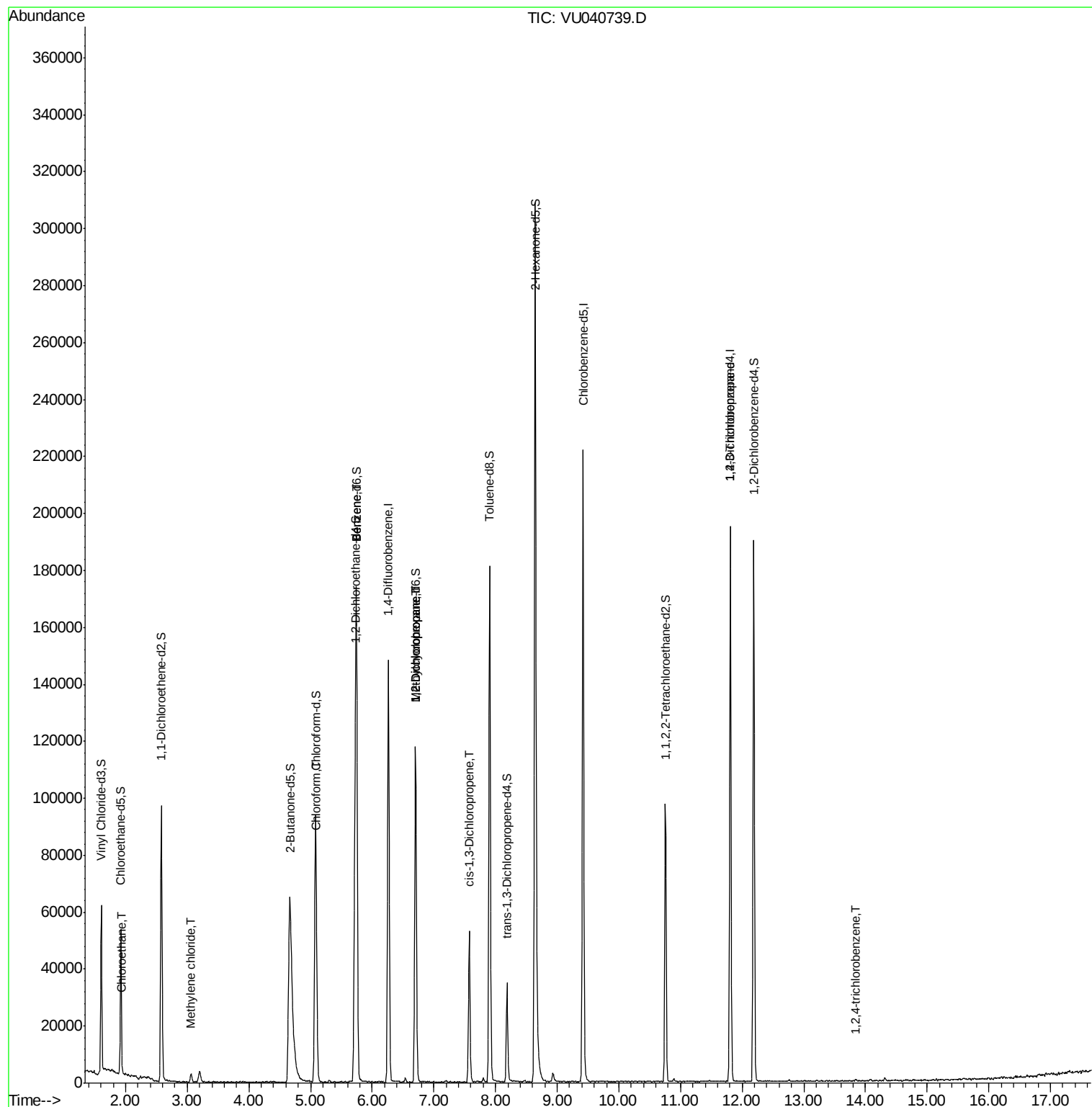
					Ovalue
8) Chloroethane	1.95	64	471	0.076 ug/L #	41
16) Methylene chloride	3.07	84	1457	0.145 ug/L	78
25) Chloroform	5.10	83	3154	0.183 ug/L	95
33) Benzene	5.74	78	1097	0.029 ug/L	100
35) Methylcyclohexane	6.70	83	12679	0.913 ug/L #	14
37) 1,2-Dichloropropane	6.70	63	6146	0.584 ug/L #	87
39) cis-1,3-Dichloropropene	7.57	75	1382	0.096 ug/L #	78
59) 1,2,3-Trichloropropane	11.81	75	6534	0.845 ug/L	91
68) 1,2,4-trichlorobenzene	13.83	180	371	0.042 ug/L #	74

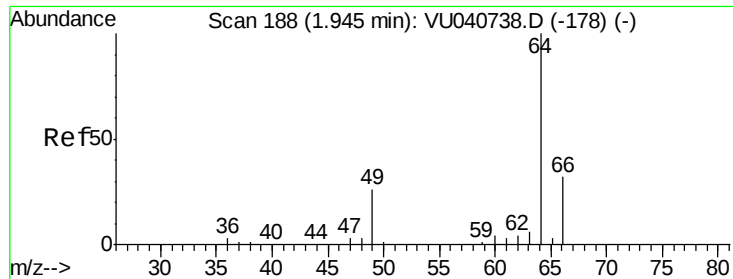
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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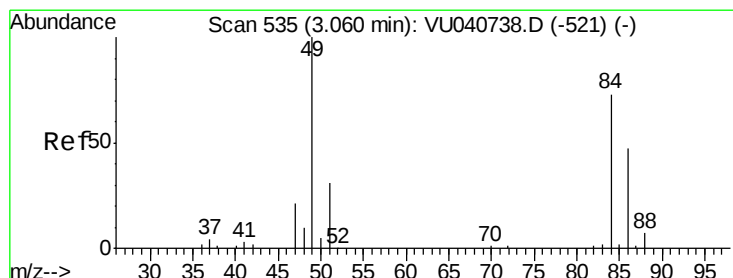
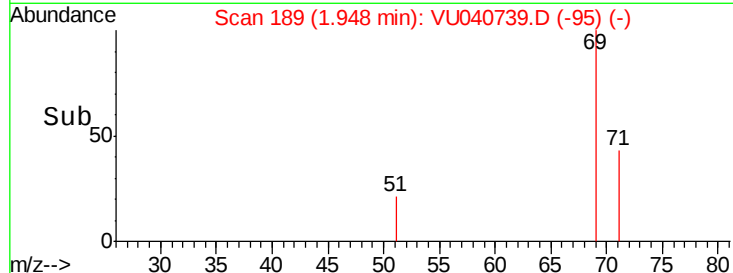
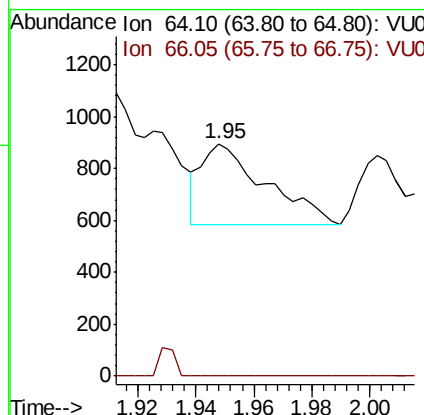
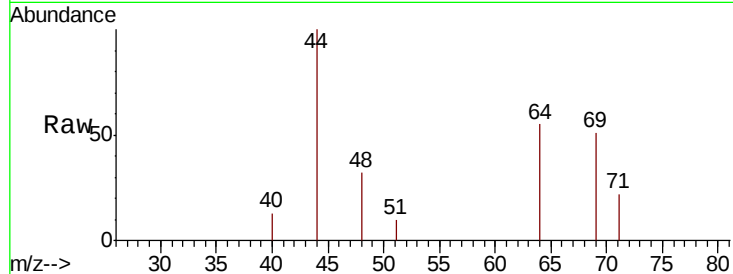




#8
 Chloroethane
 Concen: 0.076 ug/L
 RT: 1.95 min Scan# 189
 Delta R.T. 0.00 min
 Lab File: VU040739.D
 Acq: 16 Oct 2020 11:11

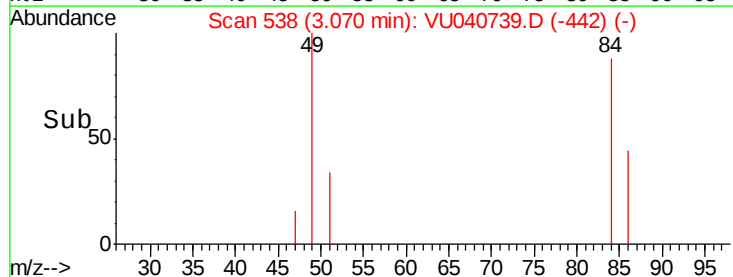
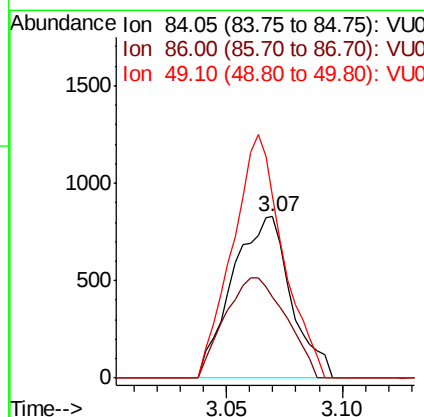
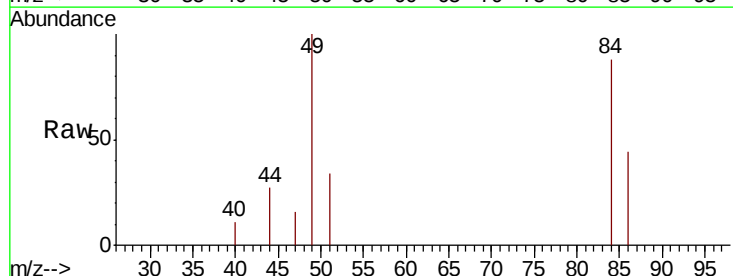
Instrument :
 MSVOA_U
 ClientSampled :
 VBLK30

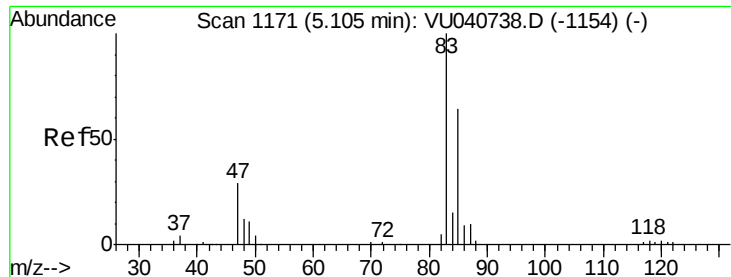
Tot Ion: 64 Resp: 471
 Ion Ratio Lower Upper
 64 100
 66 0.0 23.3 43.3#



#16
 Methylene chloride
 Concen: 0.145 ug/L
 RT: 3.07 min Scan# 538
 Delta R.T. 0.01 min
 Lab File: VU040739.D
 Acq: 16 Oct 2020 11:11

Tgt Ion: 84 Resp: 1457
 Ion Ratio Lower Upper
 84 100
 86 49.9 45.4 84.4
 49 113.4 99.8 185.3

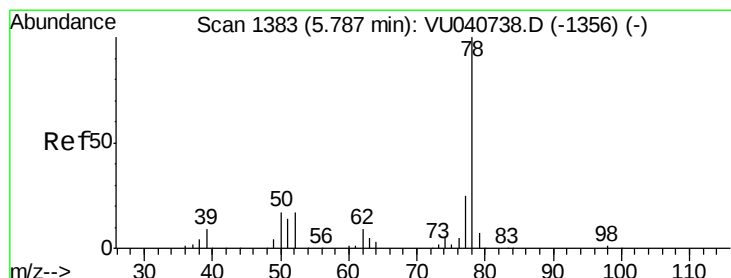
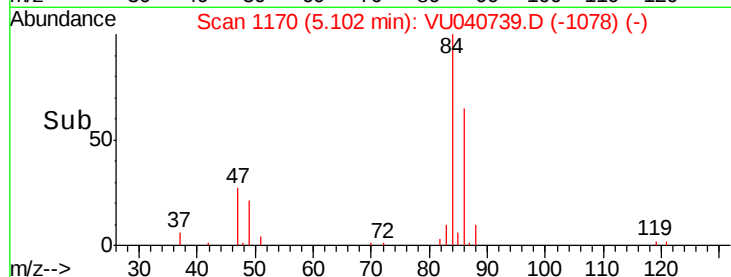
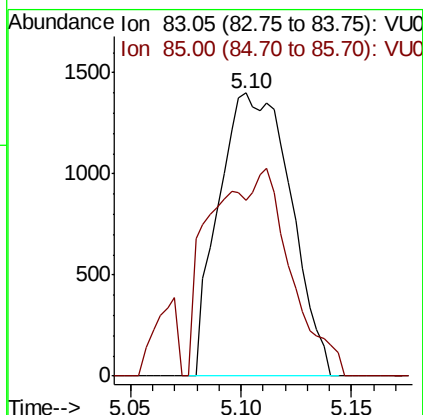
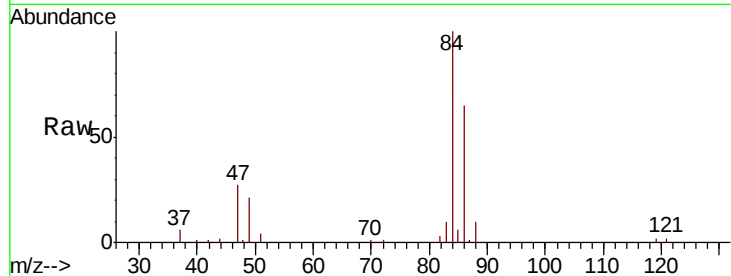




#25
Chloroform
Concen: 0.183 ug/L
RT: 5.10 min Scan# 1170
Delta R.T. -0.00 min
Lab File: VU040739.D
Acq: 16 Oct 2020 11:11

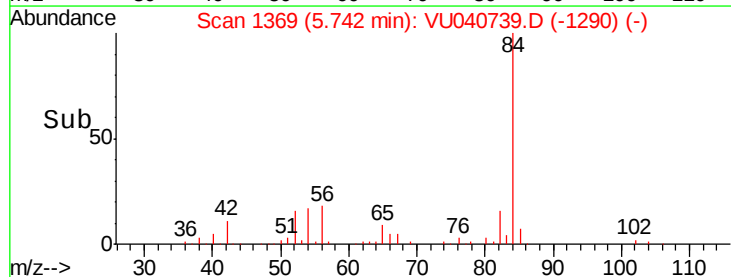
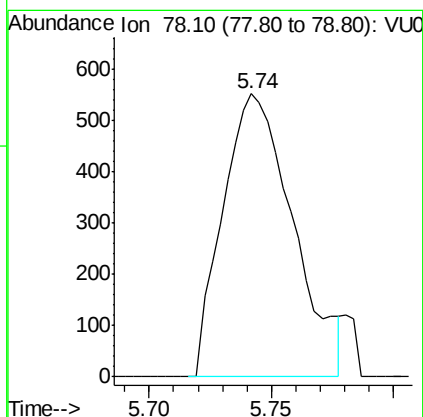
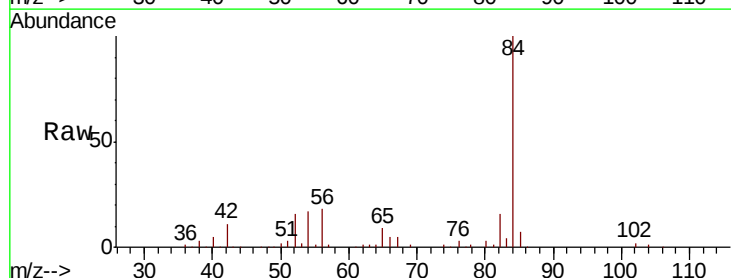
Instrument :
MSVOA_U
ClientSampleId :
VBLK30

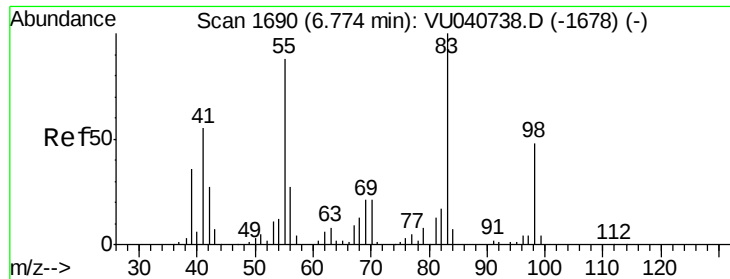
Tot Ion: 83 Resp: 3154
Ion Ratio Lower Upper
83 100
85 62.3 46.5 86.5



#33
Benzene
Concen: 0.029 ug/L
RT: 5.74 min Scan# 1369
Delta R.T. -0.04 min
Lab File: VU040739.D
Acq: 16 Oct 2020 11:11

Tgt Ion: 78 Resp: 1097

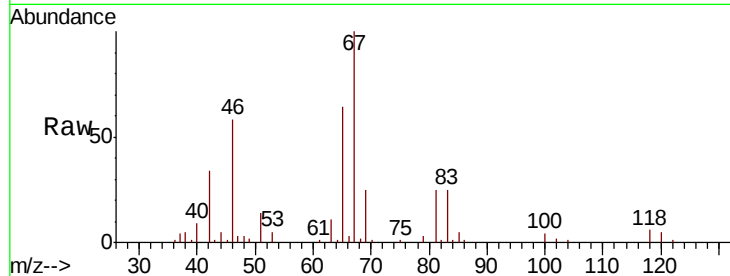




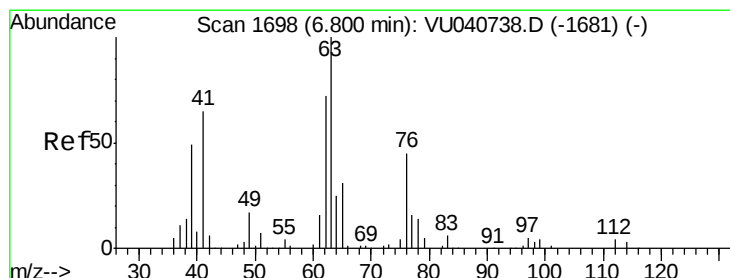
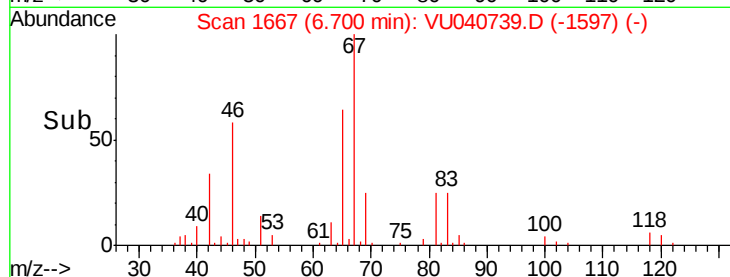
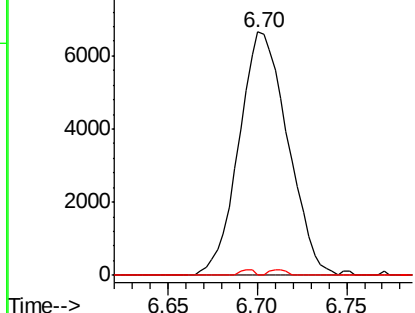
#35
Methvlcvclohexane
Concen: 0.913 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU040739.D
Acq: 16 Oct 2020 11:11

Instrument :
MSVOA_U
ClientSampleId :
VBLK30

Tot Ion: 83 Resp: 12679
Ion Ratio Lower Upper
83 100
55 0.0 70.7 106.1#
98 0.6 38.4 57.6#

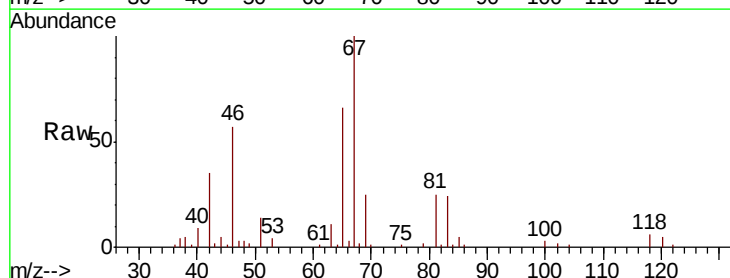


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

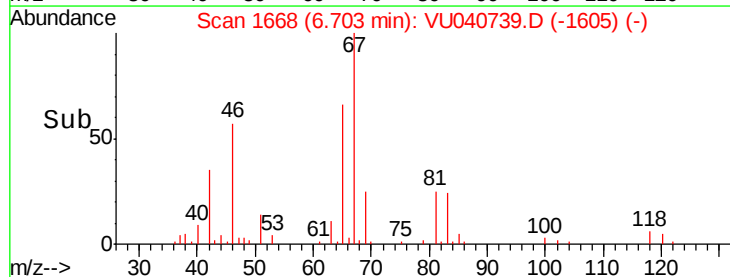
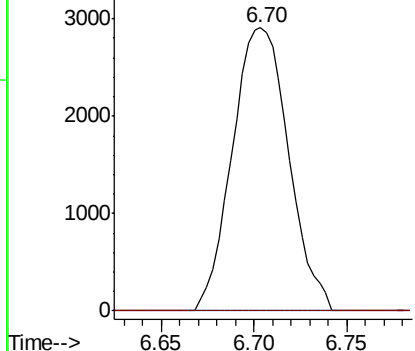


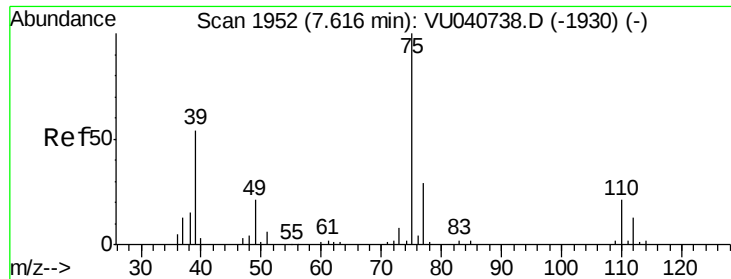
#37
1,2-Dichloropropane
Concen: 0.584 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040739.D
Acq: 16 Oct 2020 11:11

Tgt Ion: 63 Resp: 6146
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

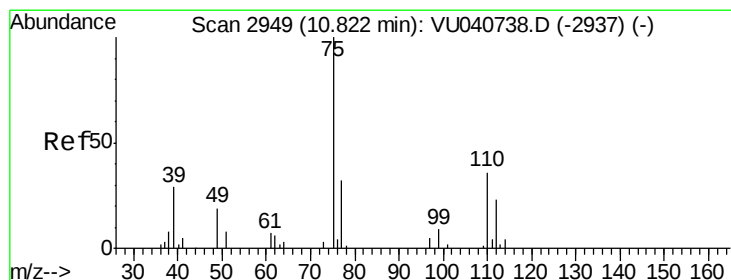
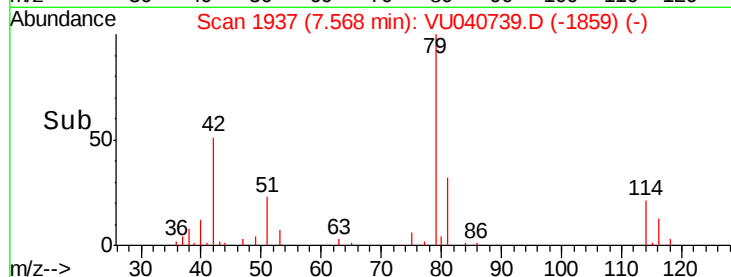
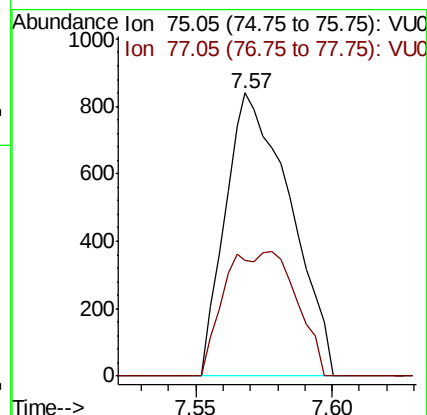
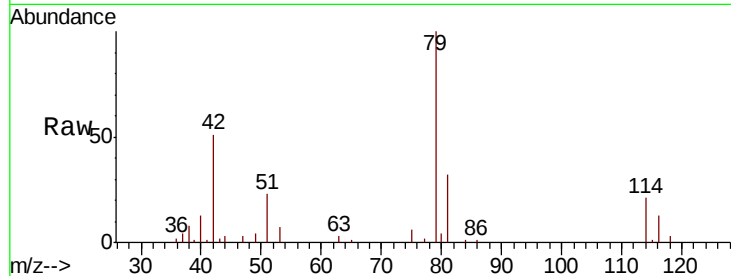




#39
 cis-1,3-Dichloropropene
 Concen: 0.096 ug/L
 RT: 7.57 min Scan# 1937
 Delta R.T. -0.05 min
 Lab File: VU040739.D
 Acq: 16 Oct 2020 11:11

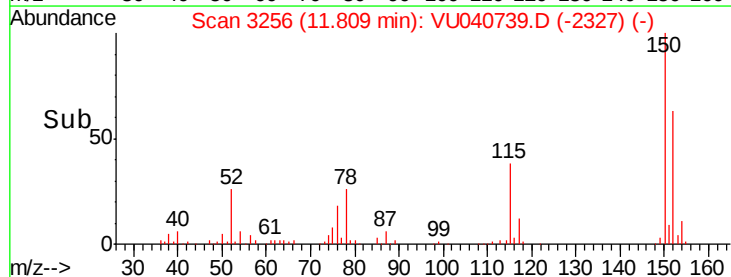
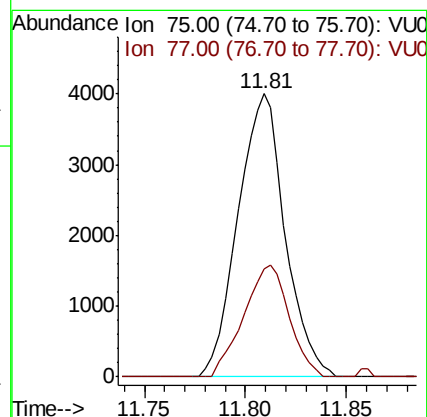
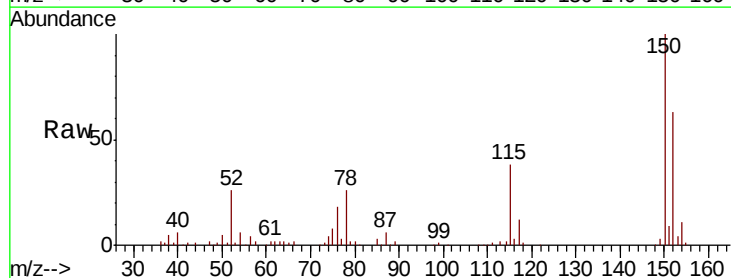
Instrument :
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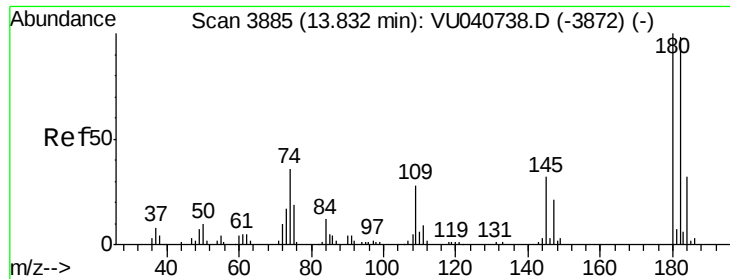
Tot Ion: 75 Resp: 1382
 Ion Ratio Lower Upper
 75 100
 77 40.9 20.5 38.1#



#59
 1,2,3-Trichloropropane
 Concen: 0.845 ug/L
 RT: 11.81 min Scan# 3256
 Delta R.T. 0.99 min
 Lab File: VU040739.D
 Acq: 16 Oct 2020 11:11

Tgt Ion: 75 Resp: 6534
 Ion Ratio Lower Upper
 75 100
 77 38.0 26.4 39.6





#68

1,2,4-trichlorobenzene

Concen: 0.042 ug/L

RT: 13.83 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VU040739.D

Acq: 16 Oct 2020 11:11

Instrument :

MSVOA_U

ClientSampleId :

VBLK30

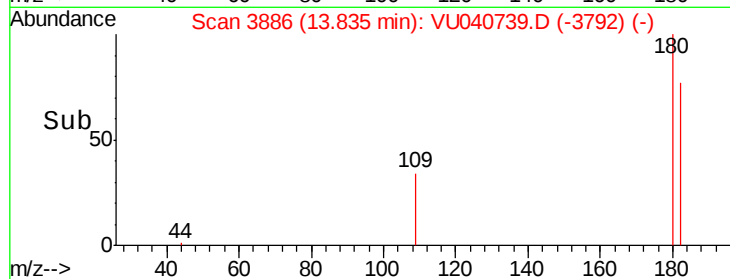
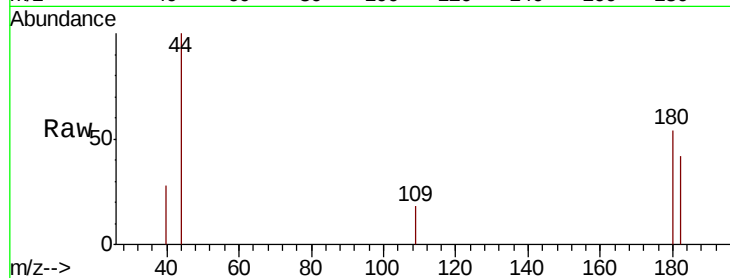
Tot Ion:180 Resp: 371

Ion Ratio Lower Upper

180 100

182 83.8 78.8 118.2

145 0.0 26.1 39.1#



Abundance Ion 179.90 (179.60 to 180.60): V

Ion 182.00 (181.70 to 182.70): V

Ion 144.95 (144.65 to 145.65): V

